CA Unified Infrastructure Management for Microsoft IIS

CA Unified Infrastructure Management (CA UIM, formerly CA Nimsoft Monitor) delivers a centralized and cohesive view of the Microsoft® IIS environment. It gives you complete visibility into the overall performance of your IIS servers so you can achieve optimal monitoring for your proactively handle any potential issue.

Key Benefits/Results

- **Improved performance and uptime.** Proactive monitoring and alerting accelerates identification of performance issues—enabling response before end-user productivity is affected.

- **Enhanced resource optimization.** Centralized, cohesive view of performance delivers insights into opportunities for resource optimization.

- **SLA compliance.** Instant alerts and realtime dashboards notify service managers in advance of SLA compliance breaches.

Key Features

- **Centralized and comprehensive IIS server monitoring.** CA UIM provides an extensive view of your entire IIS Web server infrastructure, whether it is comprised of a single Web server at headquarters or a number of servers spread over many offices and geographies.

- **Intuitive interface and administration.** Through the same intuitive interface, administrators can access graphical views to monitor performance of their Microsoft IIS servers through real-time status indicators—or tailor them to provide historical performance analysis of server health metrics.

- **Out-of-the box-reports.** CA UIM enables users to turn monitoring data into fast, useful insights to help optimize IIS server performance. Reports include check point, IIS server requests and statistical reports.

Business Challenges

Over the years, corporate websites have been called upon to deliver increasingly vital business services—services that build business, support customers, manage supply chains and much more. Web servers are at the core of these vital services, and no Web server is relied upon more than Microsoft's Internet Information Services (IIS) Web server, which powers more Fortune 1,000 websites than any other Web server. But how do the enterprises and service providers that rely on these servers verify optimal performance and uptime? How do they effectively monitor the levels of performance that end users actually are experiencing, at this minute? How can administrators quickly pinpoint performance issues and address them before they affect critical business transactions?

Solution Overview

Fast, intuitive integration and insights

CA UIM for Microsoft IIS features an intuitive user interface that makes initial configuration fast and efficient. Using this interface, administrators can quickly defi ne which IIS Web servers are to be centrally monitored and how they're to be monitored.

Through the same intuitive interface, administrators can access graphical views that provide at-a-glance, real-time status indicators, or they can be tailored to provide historical performance analysis of Microsoft IIS health metrics.

Critical Differentiators

CA UIM uses a Message Bus Architecture as a core element that is streamlined, comprehensive and efficient. It enables all monitoring components to communicate with each other, without direct program-to-program connections and acts as an abstraction layer between the core system and the monitoring probes. This leads to significant improvements in reliability, scalability and development agility.

Comprehensive IIS server monitoring

With CA UIM, organizations gain an extensive view of their entire IIS Web server infrastructure, whether it is comprised of a single Web server at headquarters or a number of servers spread over many offices and geographies. The solution can supervise IIS request execution times and pinpoint hanging scripts and resources.

Further, CA UIM can monitor a full range of server statistics, verifying that the health and performance of each Web server is tracked in a comprehensive fashion. The solution can be configured to monitor all critical IIS checkpoints, which are mechanisms for gauging the health and performance of specific subsystems within the IIS Web server. The solution can monitor checkpoints in these categories: system, Web services, IIS and ASP.

In addition, with CA UIM, it is easy to define custom checkpoints, which can include additional IIS Web services, such as FTP and SNMP. Following is complete list of the checkpoints that CA UIM can monitor:

System checkpoints
- Available physical memory
- Memory in use
- Memory usage
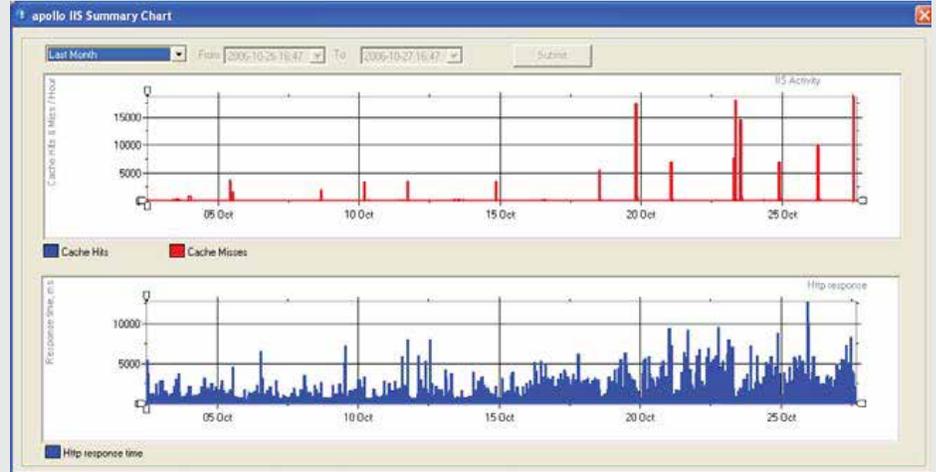- NW bytes total/sec
- Total CPU
- Total memory

Web services checkpoints
- Bytes received/sec
- Bytes sent/sec
- Bytes total/sec
- Connection attempts/sec
- Current connections
- Get requests/sec
- Measured Async I/O bandwidth usage

IIS checkpoints
- HTTP response time
- HTTP response value
- IIS status value
- Total allowed Async I/O requests
- URL cache flushes
- URL cache hits
- URL cache hits percentage
- URL cache hits/minute
- URL cache misses
- URL cache misses/min

CA UIM for Microsoft IIS provides a sophisticated graphical user interface.

ASP checkpoints
- Request bytes in total
- Requests executing
- Requests queued

Turn monitoring data into fast, useful insights

CA UIM offers powerful, intuitive access to information, enabling administrators to more easily spot trends and gain early warnings about potential problems.

Because of the solution's centralized view of all IIS Web servers, and its sophisticated graphical user interface, administrators can quickly get an easy-to-scan snapshot of the real-time status of the entire IIS infrastructure. Further, through this centralized console, administrators can simply double-click on the icon of any Web server being monitored and be able to drill down to get graphs and status indicators on the specific server indicators that are being monitored.

CA UIM offers convenient access to a range of reports:

- IIS checkpoint reports, which provide instant access to historical trend data for a specific checkpoint. These reports can provide views of the past six, 12, 24 or 48 hours, and can display minimum, maximum and average data values.

- IIS server request reports, which detail Web site activity and requests that the IIS server is servicing, based on selected time intervals—whether by hour, day or month.

- IIS server summary reports, which summarize top server statistics, including HTTP response time and cache hits and misses for specified time intervals.

For more information, please visit **ca.com/uim**

CA Technologies (NASDAQ: CA) creates software that fuels transformation for companies and enables them to seize the opportunities of the application economy. Software is at the heart of every business, in every industry. From planning to development to management and security, CA is working with companies worldwide to change the way we live, transact and communicate – across mobile, private and public cloud, distributed and mainframe environments. Learn more at **ca.com**.